

DESCRIPTION:

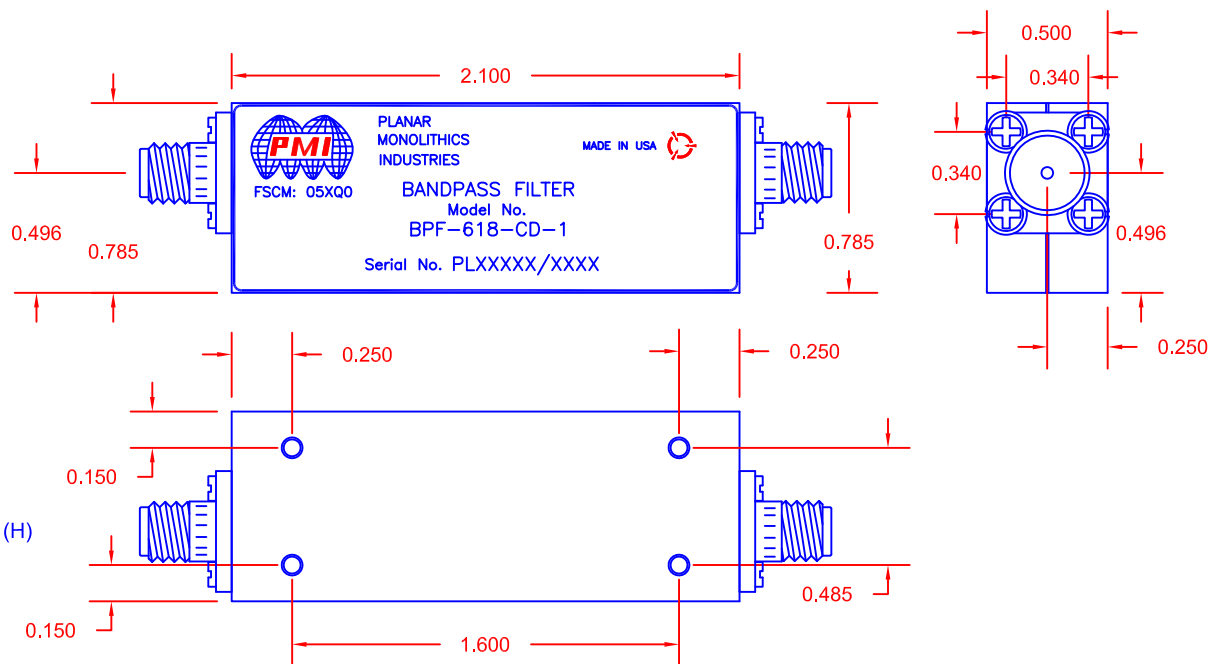
PMI model number BPF-618-CD-1 is a suspended substrate filter in a lowpass/highpass configuration. All filters will be machined and silver plated to provide the highest possible Q.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	5/29/13	

SPECIFICATIONS:

- 1 dB PASSBAND: 5.6-18.4 GHz
- VSWR IN THE PASS BAND: 2.0:1 Max.
- INSERTION LOSS (PASSBAND) 1.5 dB Typ.
- REJECTION @ 19400 MHz: -30 dB Typ.
- REJECTION FROM 20400 MHz TO 28000 MHz: -60 dB Typ.
- REJECTION @ 4600 MHz: -60 dB Typ.

- CONNECTORS: SMA (F)
- SIZE 2.1" (L) x 0.785" (W) x 0.50" (H)
- WEIGHT 1 OZ. TYP.
- FINISH SILVER PLATED



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -55°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- SALT FOG: MIL-STD-202F, METHOD 107D COND. A
- FUNGUS: MIL-STD-810C, METHOD 508.2
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.005

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APPROVALS		DATE	TITLE			
DRAWN NJA		5/29/13	PRODUCT FEATURE BPF-618-CD-1			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27019901	1
			SCALE	N:S	SHEET	1 OF 1